

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-008297**Date Inspected:** 04-Aug-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Zhi Jiang**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower and OBG**Summary of Items Observed:**

On this date Caltrans OSM Quality Assurance (QA) Inspector, Larry Viars was present during the times noted above for observations relative to the work being performed.

Bay 2-

This QA Inspector observed the following work in progress: SAW welding Floor Beam weld FB03060-001-001. ZPMC welder was identified as 045265. ZPMC QC is identified as Li Zhi Jiang. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-B-L2c-S-2.

SMAW welding of Cross Beam 10 weld CB202G-028-012. ZPMC welder was identified as 058102. ZPMC QC is identified as Li Zhi Jiang. The welding appeared to be in conformance with welding procedure specification, WPS-B-P-2113.

Bay 3-

This QA Inspector observed the following work in progress: FCAW welding of Floor Beam weld SSD14A-PP103-132. ZPMC welder was identified as 044830. ZPMC QC is identified as Li Zhi Jiang. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2233-TC-U4b-F.

Bay 9-

WELDING INSPECTION REPORT

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This QA Inspector observed the following work in progress: FCAW welding U rib internal diaphragm weld DP3055-001-056, 057, 059 and 060. ZPMC welder was identified as 059421. ZPMC QC is identified as Guo Yan Fei. The welding appeared to be in conformance with welding procedure specifications, WPS-B-T-2133 and WPS-B-T-2233-TC-U4b-F.

Bay 10-

This QA Inspector observed the following work in progress: SAW welding of NorthTower Lift 3 Corner weld joint NSTL3-3 B/K- 81B . ZPMC welders were identified as 040460 and 201750. ZPMC QC is identified as Du Zhi Qun. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2221-C-U2b-S-2.

FCAW welding of South Tower Lift 3 Corner weld joint SSTL3-1 B/K- 83B . ZPMC welder was identified 052075. ZPMC QC is identified as Du Zhi Qun. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2231-C-U2-F.

Bay 11-

This QA Inspector observed the following work in progress: SAW welding of West Tower connection plate welds WD1-A5012-29 through 32 1A . ZPMC welder was identified as 042195. ZPMC QC is identified as Yu Dong Peng. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-3221-TC-U5-S-1.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

Only general conversation occurred between QA and QC this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod, 134 8257 0045, who represents the Office of Structural Materials for your project.

Inspected By:	Viars,Larry	Quality Assurance Inspector
Reviewed By:	Carreon,Albert	QA Reviewer
